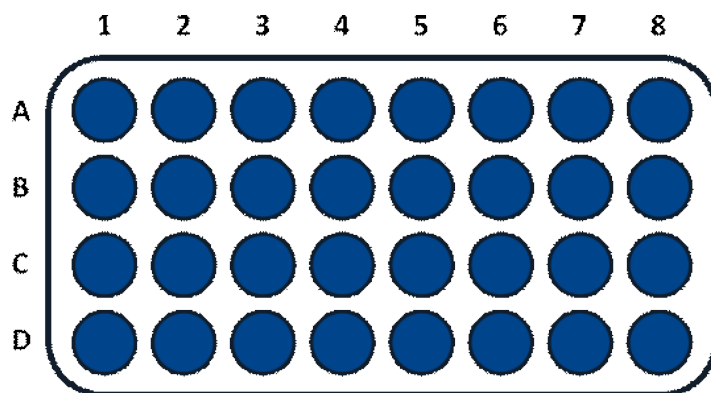
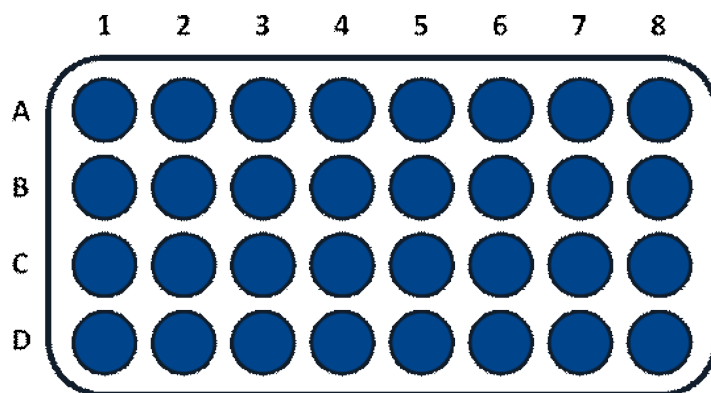


| Position | Label | Quantity | Chemical | Amount |
|----------|--|----------|--|--------------------------------------|
| A01 | Pd(PPh ₃) ₄ + Na ₂ CO ₃ | 2 | Pd(PPh ₃) ₄ Na ₂ CO ₃ | 1.50 μmol 30.00 μmol |
| A02 | Pd(dppf)Cl ₂ + Na ₂ CO ₃ | 2 | Pd(dppf)Cl ₂ Na ₂ CO ₃ | 1.50 μmol 30.00 μmol |
| A03 | Pd ₂ (dba) ₂ /Sphos+ Na ₂ CO ₃ | 2 | Pd ₂ dba ₃ Sphos Na ₂ CO ₃ | 0.75 μmol 3.00 μmol 30.00 μmol |
| A04 | Pd ₂ (dba) ₃ /XPhos+ Na ₂ CO ₃ | 2 | Pd ₂ dba ₃ XPhos Na ₂ CO ₃ | 0.75 μmol 3.00 μmol 30.00 μmol |
| A05 | Pd(OAc) ₂ /Sphos+ Na ₂ CO ₃ | 2 | Pd(OAc) ₂ Sphos Na ₂ CO ₃ | 1.50 μmol 3.00 μmol 30.00 μmol |
| A06 | Pd(OAc) ₂ /Xphos+ Na ₂ CO ₃ | 2 | Pd(OAc) ₂ XPhos Na ₂ CO ₃ | 1.50 μmol 3.00 μmol 30.00 μmol |
| A07 | Pd(OAc) ₂ /CataCXium®+ Na ₂ CO ₃ | 2 | cataCXium A Pd(OAc) ₂ Na ₂ CO ₃ | 3.00 μmol 1.50 μmol 30.00 μmol |
| A08 | Pd(Amphos)Cl ₂ + Na ₂ CO ₃ | 2 | Pd(Amphos)Cl ₂ Na ₂ CO ₃ | 1.50 μmol 30.00 μmol |
| B01 | Pd(PPh ₃) ₄ + K ₂ CO ₃ | 2 | Pd(PPh ₃) ₄ K ₂ CO ₃ | 1.50 μmol 30.05 μmol |
| B02 | Pd(dppf)Cl ₂ + K ₂ CO ₃ | 2 | Pd(dppf)Cl ₂ K ₂ CO ₃ | 1.50 μmol 30.05 μmol |
| B03 | Pd ₂ (dba) ₂ /Sphos+ K ₂ CO ₃ | 2 | Pd ₂ dba ₃ Sphos K ₂ CO ₃ | 0.75 μmol 3.00 μmol 30.05 μmol |
| B04 | Pd ₂ (dba) ₃ /XPhos+ K ₂ CO ₃ | 2 | Pd ₂ dba ₃ XPhos K ₂ CO ₃ | 0.75 μmol 3.00 μmol 30.05 μmol |



| Position | Label | Quantity | Chemical | Amount |
|----------|--|----------|---|--------------------------------------|
| B05 | PdOAc2/Sphos+ K2CO3 | 2 | Pd(OAc) ₂ Sphos K ₂ CO ₃ | 1.50 μmol 3.00 μmol 30.05 μmol |
| B06 | PdOAc2/Xphos+ K2CO3 | 2 | Pd(OAc) ₂ XPhos K ₂ CO ₃ | 1.50 μmol 3.00 μmol 30.05 μmol |
| B07 | Pd(OAc) ₂ /CataCXium®+ K2CO3 | 2 | cataCXium A Pd(OAc) ₂ K ₂ CO ₃ | 3.00 μmol 1.50 μmol 30.05 μmol |
| B08 | Pd(Amphos)Cl ₂ + K2CO3 | 2 | Pd(Amphos)Cl ₂ K ₂ CO ₃ | 1.50 μmol 30.05 μmol |
| C01 | Pd(PPh ₃) ₄ + K3PO4 | 2 | Pd(PPh ₃) ₄ K ₃ PO ₄ | 1.50 μmol 30.04 μmol |
| C02 | Pd(dppf)2Cl ₂ + K3PO4 | 2 | Pd(dppf)Cl ₂ K ₃ PO ₄ | 1.50 μmol 30.04 μmol |
| C03 | Pd ₂ (dba) ₂ /Sphos+ K3PO4 | 2 | Pd ₂ dba ₃ Sphos K ₃ PO ₄ | 0.75 μmol 3.00 μmol 30.04 μmol |
| C04 | Pd ₂ (dba) ₃ /XPhos+ K3PO4 | 2 | Pd ₂ dba ₃ XPhos K ₃ PO ₄ | 0.75 μmol 3.00 μmol 30.04 μmol |
| C05 | PdOAc2/Sphos+ K3PO4 | 2 | Pd(OAc) ₂ Sphos K ₃ PO ₄ | 1.50 μmol 3.00 μmol 30.04 μmol |
| C06 | PdOAc2/Xphos+ K3PO4 | 2 | Pd(OAc) ₂ XPhos K ₃ PO ₄ | 1.50 μmol 3.00 μmol 30.04 μmol |
| C07 | Pd(OAc) ₂ /CataCXium®+ K3PO4 | 2 | cataCXium A Pd(OAc) ₂ K ₃ PO ₄ | 3.00 μmol 1.50 μmol 30.04 μmol |
| C08 | Pd(Amphos)Cl ₂ + K3PO4 | 2 | Pd(Amphos)Cl ₂ K ₃ PO ₄ | 1.50 μmol 30.04 μmol |



| Position | Label | Quantity | Chemical | Amount |
|----------|---|----------|--|--------------------------------------|
| D01 | Pd(PPh ₃) ₄ + Cs ₂ CO ₃ | 2 | Pd(PPh ₃) ₄ Cs ₂ CO ₃ | 1.50 μmol 29.98 μmol |
| D02 | Pd(dppf)Cl ₂ + Cs ₂ CO ₃ | 2 | Pd(dppf)Cl ₂ Cs ₂ CO ₃ | 1.50 μmol 29.98 μmol |
| D03 | Pd ₂ (dba) ₂ /Sphos+ Cs ₂ CO ₃ | 2 | Pd ₂ dba ₃ Sphos Cs ₂ CO ₃ | 0.75 μmol 3.00 μmol 29.98 μmol |
| D04 | Pd ₂ (dba) ₃ /XPhos+ Cs ₂ CO ₃ | 2 | Pd ₂ dba ₃ XPhos Cs ₂ CO ₃ | 0.75 μmol 3.00 μmol 29.98 μmol |
| D05 | Pd(OAc) ₂ /Sphos+ Cs ₂ CO ₃ | 2 | Pd(OAc) ₂ Sphos Cs ₂ CO ₃ | 1.50 μmol 3.00 μmol 29.98 μmol |
| D06 | Pd(OAc) ₂ /Xphos+ Cs ₂ CO ₃ | 2 | Pd(OAc) ₂ XPhos Cs ₂ CO ₃ | 1.50 μmol 3.00 μmol 29.98 μmol |
| D07 | Pd(OAc) ₂ /CataCXium [®] + Cs ₂ CO ₃ | 2 | cataCXium A Pd(OAc) ₂ Cs ₂ CO ₃ | 3.00 μmol 1.50 μmol 29.98 μmol |
| D08 | Pd(Amphos)Cl ₂ + Cs ₂ CO ₃ | 2 | Pd(Amphos)Cl ₂ Cs ₂ CO ₃ | 1.50 μmol 29.98 μmol |